

	<b>DEPARTMENT OF COMMERCE</b> National Institute of Standards and Technology National Voluntary Laboratory Accreditation Program	<b>ISSUE DATE:</b> March 19, 2009
	<b>LAB BULLETIN</b>	<b>NUMBER:</b> LB-42-2009
		<b>LAP:</b> Efficiency of Electric Motors Program
<b>SUBJECT:</b> Changes to NVLAP Efficiency of Electric Motors Program		

This bulletin announces a change in the NVLAP Efficiency of Electric Motors (EEM) Program.

Effective on the issue date of this bulletin, the references section (1.4) of NIST Handbook 150-10, *Efficiency of Electric Motors*, 2007 Edition, is revised as specified in 1) and 2) below.

**1) Reference 1.4 d):**

IEEE Standard 112-1996, *Test Procedure for Polyphase Induction Motors and Generators*, Test Method B, and the correction to the calculation at item (28) in section 10.2 Form B-Test Method B issued by IEEE on January 20, 1998,

is replaced with:

IEEE 112-2004, *IEEE Standard Test Procedure for Polyphase Induction Motors and Generators*, Test Method B, and the correction to the calculation at item (28) in section 10.2 Form B-Test Method B issued by IEEE on November 4, 2004.

**2) Reference 1.4 f):**

NEMA Standards Publication MG 1-1993, *Motors and Generators*, with Revisions 1, 2, 3, and 4,

is replaced with:

NEMA MG 1-2006, *Motors and Generators*, plus Revision 1.

There are no significant technical differences in these references. The changes were made to be consistent with current industry practices and in support of the Department of Energy proposed rule on small electric motors as designated in 10 CFR Part 431, [Docket No. EERE-2008-BT-TP-0008], RIN 1904-AB71, Energy Conservation Program: Test Procedures for Electric Motors.

This bulletin should be inserted into NIST Handbook 150-10 (EEM Program-Specific Handbook) until the next edition of the handbook is released, at which time the reference changes will be incorporated into the handbook.

This bulletin has also been posted to the NVLAP web site at (<http://www.nist.gov/nvlap>).

Questions concerning the EEM requirements for accreditation should be directed to Jon Crickenberger at 301-975-5305, or <[jon.crickenberger@nist.gov](mailto:jon.crickenberger@nist.gov)>.